

Name: \_\_\_\_\_

## ET\_1021 version 18

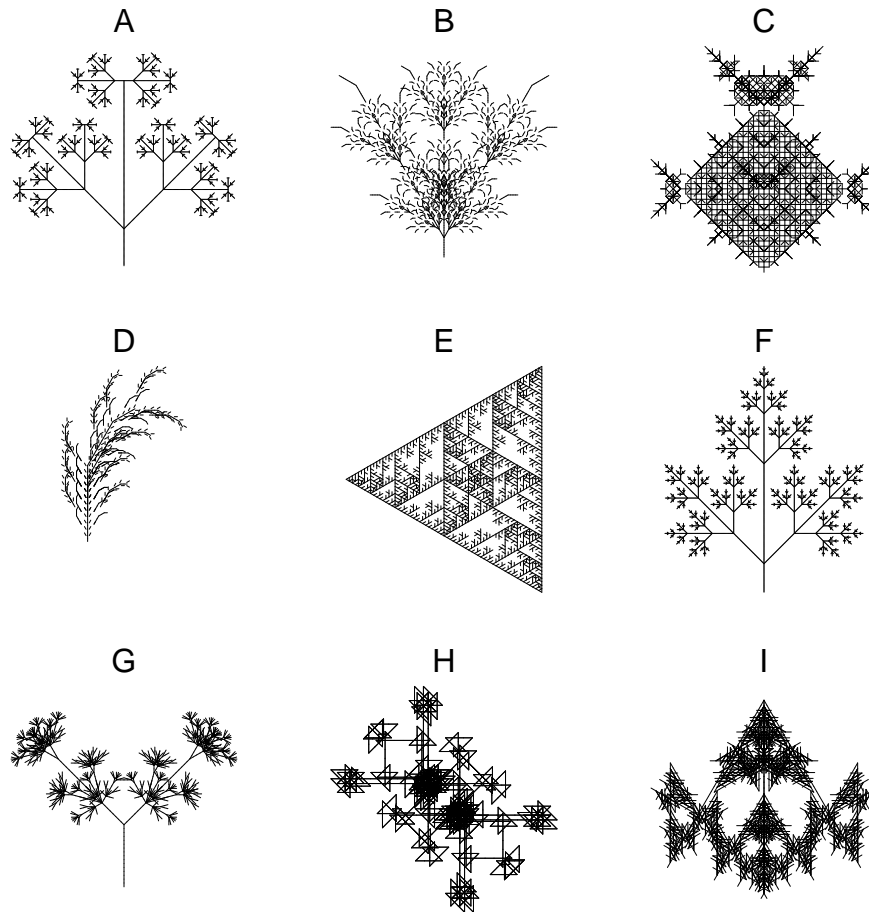
Consider the  $L$ -system (and angle) defined below:

- Start:  $[+A] [-B]$
- Rules:  
 $A > [-CA-CB]A$   
 $B > [+CB+CA]B$   
 $C > CC$

- Number of recursions (number of iterations): 6
- Angle:  $150^\circ$

Use the following sites to generate the pattern:

- [https://chadworley.github.io/Lsys\\_string\\_gen.html](https://chadworley.github.io/Lsys_string_gen.html)
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

I

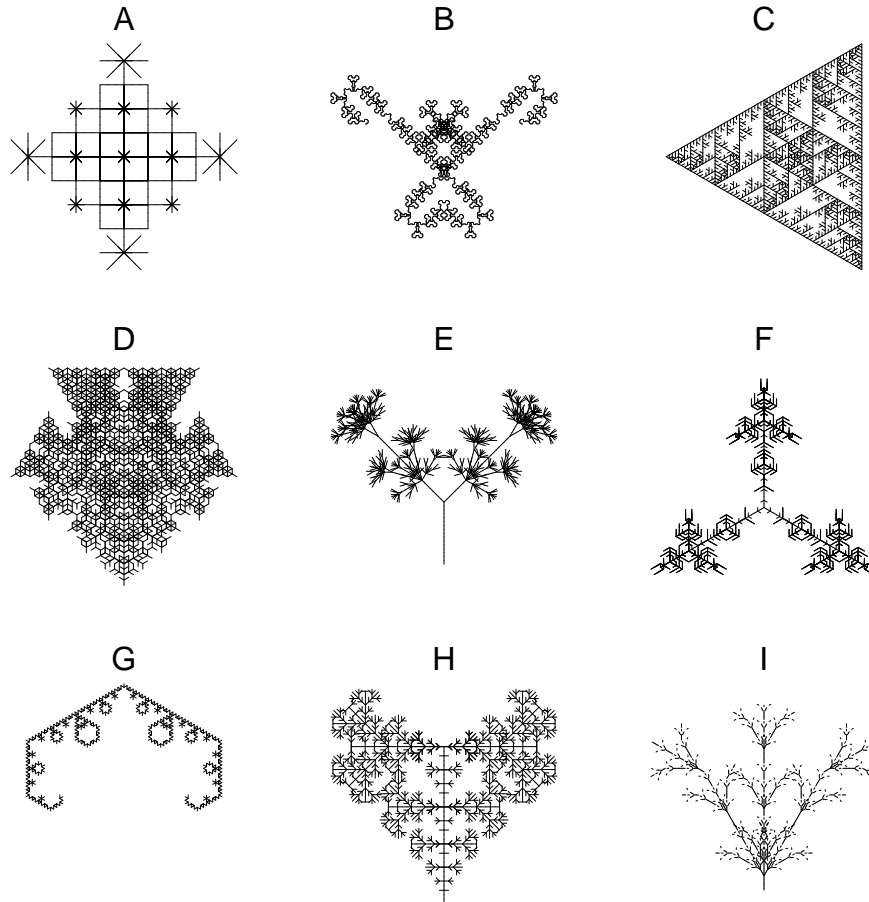
Consider the  $L$ -system (and angle) defined below:

- Start: GA
- Rules:  
 $A > [---BC] [+++BC]$   
 $B > F[---AC] [+++AC]$   
 $C > FF[-BA] [+BA]$   
 $F > FF$   
 $G > F$

- Number of recursions (number of iterations): 5
- Angle:  $15^\circ$

Use the following sites to generate the pattern:

- [https://chadworley.github.io/Lsys\\_string\\_gen.html](https://chadworley.github.io/Lsys_string_gen.html)
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

**E**